=> dis his full

(FILE 'HOME' ENTERED AT 09:20:35 ON 15 AUG 2007)

FILE 'CAPLUS, MEDLINE, EMBASE, BIOSIS, SCISEARCH' ENTERED AT 09:21:18 ON 15 AUG 2007

13 1100 200	,	
112	SEA	ABB=ON PLU=ON QIN NING/AU
11	SEA	ABB=ON PLU=ON CODD ELLEN/AU
11	DUP	REM L2 (0 DUPLICATES REMOVED)
	DIS	L3 1-11 TI SO
2	SEA	ABB=ON PLU=ON "ALPHA2 DELTA CALCIUM CHANNEL SUBUNIT"
2	DUP	REM L4 (0 DUPLICATES REMOVED)
	DIS	L5 1-2 IBIB ABS
2	SEA	ABB=ON PLU=ON "ALPHA DELTA CALCIUM CHANNEL"
1094	SEA	ABB=ON PLU=ON ALPHA (S) DELTA (S) CALCIUM (S) CHANNEL
19254	SEA	ABB=ON PLU=ON GABAPENTIN OR NEURONTIN
373	SEA	ABB=ON PLU=ON L7 AND L8
303	SEA	ABB=ON PLU=ON L7 (P) L8
191	SEA	ABB=ON PLU=ON L7 (S) L8
67	SEA	ABB=ON PLU=ON L11 AND HUMAN
46	DUP	REM L12 (21 DUPLICATES REMOVED)
	DIS	L13 20-46 TI SO AU
	112 11 11 2 2 2 1094 19254 373 303 191 67	112 SEA 11 SEA 11 DUP DIS 2 SEA 2 DUP DIS 2 SEA 1094 SEA 19254 SEA 373 SEA 303 SEA 191 SEA 67 SEA 46 DUP

EAST Search History

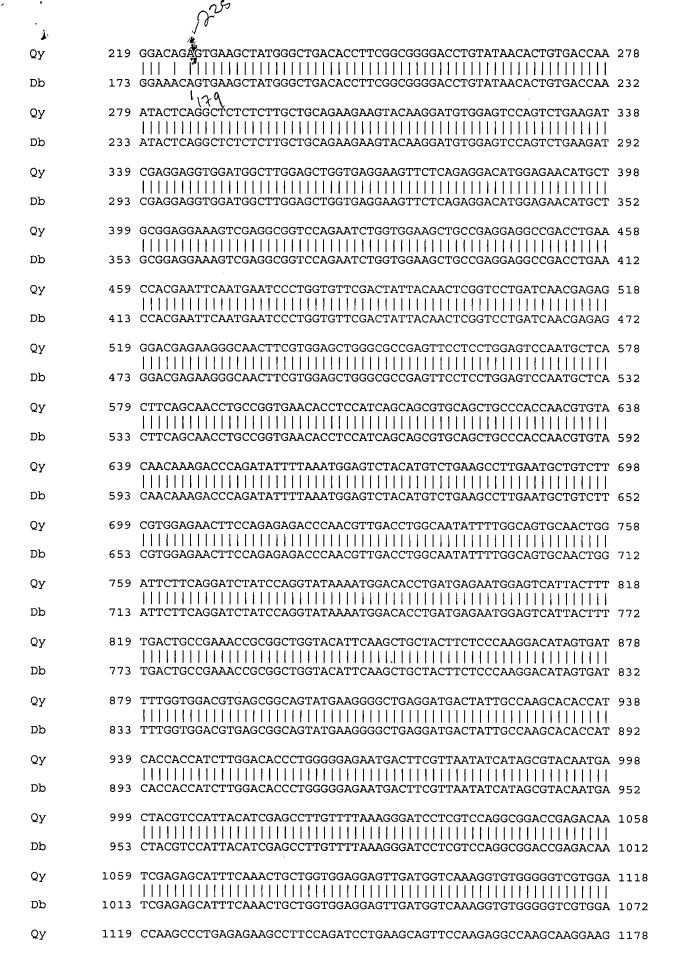
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L1	19	Qin adj Ning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/15 09:10
L2	52	Codd adj Ellen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/15 09:11
L3	705	"voltage gated calcium channel"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/15 09:12
L4	83	"alpha 2 delta subunit"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/15 09:13
L5	22	I3 and I4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/15 09:15
L6	1	"alpha 2 delta 4 subunit"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/15 09:16
L7	0	"alpha 2 delta 4 calcium channel"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/15 09:17
L8	6	"alpha2 delta4 calcium channel"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/15 09:17

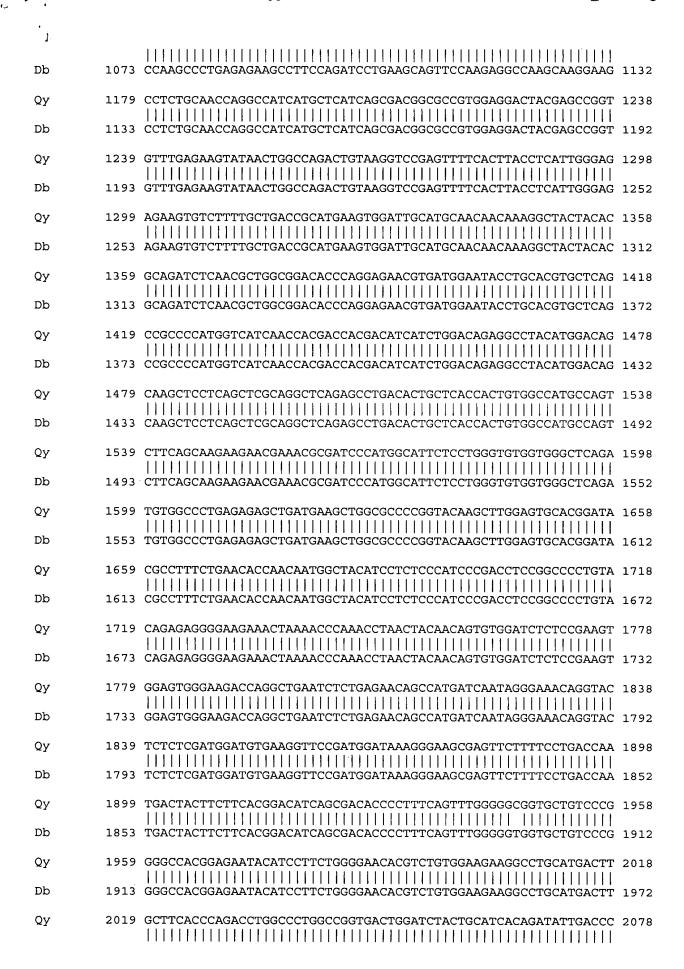
4 ES

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XX
DT
    10-AUG-2000 (first entry)
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DΕ
    Human alpha-2-delta-D calcium channel subunit.
XX
KW
    alpha-2-delta-D; calcium channel subunit; 3p21.1; gabapentin; cytostatic;
KW
    anticonvulsant; antimigrane; antiparkinsonian; antidepressant.
XX
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    Homo sapiens.
XX
ΡN
    WO200020450-A2.
XX
PD
    13-APR-2000.
XX
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    07-OCT-1999;
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XX
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PR
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PR
    29-DEC-1998;
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XX
PΑ
     (WARN ) WARNER LAMBERT CO.
XX
ΡI
    Johns MA, Moldover B, Offord JD;
XX
DR
    WPI; 2000-303744/26.
DR
    N-PSDB; AAA09254.
XX
PT
    New human nucleic acids encoding the alpha2delta-C and alpha2delta-D
PT
    proteins, useful in the treatment of epilepsy, migraine, chronic pain,
PT
    anxiety, multiple sclerosis or cancer.
XX
PS
    Claim 8; Page 67; 88pp; English.
XX
CC
    The alpha-2-delta-D gene encodes a calcium channel subunit polypeptide.
CC
    The gene has been mapped to chromosome 12p13.1. This gene and the related
CC
    alpha-2-delta-C and -B genes are useful for protecting mammalian cells
CC
     from abnormal calcium flux by introducing expression vectors containing
CC
    the respective gene into mammalian cells. The antisense genes are also
CC
    useful for treating or preventing epilepsy. The alpha-delta-2-A protein
CC
    is a high-affinity binding target of the anti-convulsant drug gabapentin.
CC
    Therefore, alpha-delta-2 proteins may also be targeted to treat seizure-
    related syndromes, migraine, ataxia, vestibular defects, chronic pain,
CC
CC
    sleep interference, anxiety, amyotropic lateral sclerosis (ALS), multiple
CC
    sclerosis, mania, tremor, parkinsonism, substance abuse or addiction
CC
    syndromes, mood, depression or cancer
XX
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 Matches 1033; Conservative
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Db
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Qу	431	KLLSSQAQSLTLLTTVAMPVFSKKNETRSHGILLGVVGSDVALRELMKLAPRYKLGVHGY	490
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Qу	491	AFLNTNNGYILSHPDLRPLYREGKKLKPKPNYNSVDLSEVEWEDQAESLRTAMINRETGT	550
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Db		LSMDVKVPMDKGKRVLFLTNDYFFTDISDTPFSLGVVLSRGHGEYILLGNTSVEEGLHDL	
Qy	611	しの	670
Db	658	LHPDLALAGDWIYCITDIDPDHRKLSQLEAMIRFLTRKDPDLECDEELVREVLFDAVVTA	717
Qy	671	PMEAYWTALALNMSEESEHVVDMAFLGTRAGLLRSSLFVGSEKVSDRKFLTPEDEASVFT	730
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Qy	731	LDRFPLWYRQASEHPAGSFVFNLRWAEGPESAGEPMVVTASTAVAVTVDKRTAIAAAAGV	790
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Db		QMKLEFLQRKFWAATRQCSTVDGPCTQSCEDSDLDCFVIDNNGFILISKRSRETGRFLGE	
Qy	851	でいた。	910
Db	898	VDGAVLTQLLSMGVFSQVTMYDYQAMCKPSSHHHSAAQPLVSPISAFLTATRWLLQELVL	957
Qy	911	FLLEWSVWGSWYDRGAEAKSVFHHSHKHKKQDPLQPCDTEYPVFVYQPAIREANGIVECG	970
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209 ID #9
nudeicacol
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XX
DT
     10-AUG-2000 (first entry)
XX
DE
     Human alpha-2-delta-D gene.
XX
KW
     alpha-2-delta-D; calcium channel; 12p13.3; gabapentin; cytostatic;
KW
     anticonvulsant; antimigrane; antiparkinsonian; antidepressant; ss.
XX
OS
     Homo sapiens.
XX
FΗ
     Key
                     Location/Qualifiers
FT
     CDS
                     3. .3365
FT
                     /*tag= a
XX
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XX
_{
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XX
PF
     07-OCT-1999;
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PR
     29-DEC-1998;
                    98US-0114088P.
XX
PΑ
     (WARN ) WARNER LAMBERT CO.
XX
PΙ
     Johns MA, Moldover B, Offord JD;
XX
DR
     WPI; 2000-303744/26.
DR
     P-PSDB; AAY92321.
XX
PT
     New human nucleic acids encoding the alpha2delta-C and alpha2delta-D
     proteins, useful in the treatment of epilepsy, migraine, chronic pain,
PT
PT
     anxiety, multiple sclerosis or cancer.
XX
PS
     Claim 1; Page 64-66; 88pp; English.
XX
     The alpha-2-delta-D gene encodes a calcium channel subunit polypeptide.
CC
CC
     The gene has been mapped to chromosome 12p13.1. This gene and the related
CC
     alpha-2-delta-C and -B genes are useful for protecting mammalian cells
CC
     from abnormal calcium flux by introducing expression vectors containing
CC
     the respective gene into mammalian cells. The antisense genes are also
CC
     useful for treating or preventing epilepsy. The alpha-delta-2-A protein
CC
     is a high-affinity binding target of the anti-convulsant drug gabapentin.
CC
     Therefore, alpha-delta-2 proteins may also be targeted to treat seizure-
CC
     related syndromes, migraine, ataxia, vestibular defects, chronic pain,
CC
     sleep interference, anxiety, amyotropic lateral sclerosis (ALS), multiple
CC
     sclerosis, mania, tremor, parkinsonism, substance abuse or addiction
CC
     syndromes, mood, depression or cancer
XX
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 Query Match
 Best Local Similarity
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 Matches 3109; Conservative 0; Mismatches 39; Indels
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į		
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